

# Construction Staffing

## THE FACTS

### Not just standing around...

Building and maintaining roadways, bridges and interchanges requires a diverse work force with a variety of duties. Each job is critical to the success of a project.

Remember, a construction site is the office for many UDOT employees as well as our construction contractors' crews. When workers are present but no apparent work is taking place on a job site it may be because they are waiting for a truckload of dirt or asphalt, for heavy machinery to arrive at the site, or for utilities to be moved. Additionally, some activities, such as backing heavy machinery or placing girders, must be monitored by other workers for safety purposes as the activity is taking place.

Road construction and maintenance projects move forward step-by-step. In order to build a safe and durable roadway, each step must be completed according to strict construction standards before the project can move forward. When you see workers standing in groups, they are getting instructions or completing inspections to make sure that the work has been done correctly.

### Who is out there...

The following are some of the many jobs required for a successful construction project:

**Project Managers** oversee planning, management and execution of a construction project.

The **Resident Engineer** oversees project construction and supervises a team of engineers, technicians and laborers. The Resident Engineer ensures that the state receives a quality product that meets expectations.

**Field Engineers** assist the Resident Engineer to direct and manage the project. Some Field Engineers assist with one aspect of the project such as bridge construction and others have a broad range of duties.

**Inspectors** observe, test and evaluate construction products, document job progress and insure worker and road-user safety. The main responsibility of an inspector is to make sure the project is being

built according to the plan.

**Materials Lab Technicians** test all construction materials after placement for safety and durability. Lab Techs collect samples to be taken back to the lab for testing.



**Transportation Technicians** perform difficult highway maintenance, construction, or incident prevention tasks to insure safety and provide a consistent flow of traffic along state traffic routes.

**Public Involvement Managers** are communication experts who inform the public about how a project will affect the surrounding community.

**Construction Observers** visit the construction site to learn new methods for future projects because the construction industry is constantly changing and new construction methods are often being executed.

**Foremen** oversee on-site personnel management.

**Surveyors** place all project features including bridges, utilities, pipelines, roadway striping and signage using Global Positioning Systems and project plans to find the real location of each feature on the ground.

**Equipment Operators** maintain and run the heavy equipment used to complete construction projects.

**Flaggers** direct traffic in a work zone.

**Landscapers**, although not involved in every construction project, make roadways aesthetically pleasing by installing trees, shrubs, rocks or other decorative features along the roadway.